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PTO/SB/05 (03-01)
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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorr	ey Docket No.	D-2695/WOD
	nyontor	R. Moffirt
Title	Dual Exhau System	st Energy Recovery

irst l	Inventor	R.	Moffit		
itle	Dual Exhau	ıst	Energy	Recovery	
			DE1 0023	0.77.1370	

APPLICATION ELEMENTS See MFEP chapter 600 concerning utility patent application contents. ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 1. \(\times \) For Ensumitating Form (e.g., PTOISMT) (shall us antiqueal and application for patents) (shall us antiqueal and applications of patents) (shall us antiqueal and application for patents) (shall us antiqueal and applications) (specification Septiment) (shall us antiqueal application) (specification Septiment) (specification Sequence Using on: - Cornputer Readable Form (CRF) - Cornputer Readable Form (CRF) - Reference to sequence listing, a table, and continue the first of the Disclosure of the Invention of the Drawings (if filed) - Brief Summary of the Invention of the Drawings (if filed) - Brief Summary of the Invention of the Drawings (if filed) - Calimfo) - Calimfo) - Abstract of the Disclosure 4. \(\times \) Drawing(s) (35 U.S.C. 113) [Total Sheets \(\times \) 1 [Total Pages \(\times \) 1 [Statement Papers (cover sheet & document(s)) - Capiform a prior application (37 CFR 1.58 (df)) - Copy from a prior application (37 CFR 1.58 (df)) - Copy from a prior application (37 CFR 1.58 (df)) - Copy from a prior application (37 CFR 1.58 (df)) - Detertion of the Drawing of the Dra	(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Expres	s Mail Label No.	EFIU9330	70103			
1. X Fee Transmittal Form (e.g. PTO/SB/17) Total was authorized without only five previously Applicant claims small entity status. Specification Computer Program (Appendix) Specification Coss Reference to Related Applications Cost Reference to Related Application Cost Reference to Reference to Related Report Cost Reference to Reference to Related Report Cost Reference to Refer	APPLICATION ELEMENTS			ADDRESS TO: Box Patent Application					
Computer Program (Appendix)	See MPEP chapter 600 cond	cerning utility patent application conten	s.		Washington, DC 2	0231			
See 37 CFR 1.27. [I total Pages	1. Submit an original and a	duplicate for fee processing)		Computer Progra	am (<i>Appendix</i>)	•			
Descriptive title of the invertion Cross Reference to Related Applications Statement Repairing Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Description Claim(s) Detailed Description Claim(s) Abstract of the Disclosure 4.	See 37 CFR 1.27.								
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	3. (preferred arrangement	t set forth below)			, ,				
Statement Regarding Fed sponsored R & D Reference to sequence listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.			b.	Specification Sequer	nce Listing on:				
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets	- Statement Rega	arding Fed sponsored R & D		i. CD-ROI	M or CD-R (2 copi	es); or			
- Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description of the Drawings (if filed) - Claim(s) - Abstract of the Disclosure 4.				ii. 📙 paper					
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.			C.	Statements ver	rifying identity of al	bove copies			
- Detailed Description - Claim(s) - Abstract of the Disclosure 4.	- Brief Summary	of the Invention		ACCOMPANYIN	G APPLICATI	ON PARTS			
- Claim(s) - Abstract of the Disclosure 4.									
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5. Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Customer Number or Ber Code Lebel The Trane Company 3600 Pammel Creek Road City La Crosse State Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449 X Statement (IDS)/PTO-1449	- Abstract of the	Disclosure	10. [, ,	1				
S. Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) b. (Copy from a prior application (37 CFR 1.63 (d)) copy from a prior application (37 CFR 1.63 (d)) b. (International Michigan Michiga	4. X Drawing(s) (35 U	S.C. 113) [Total Sheets 1] [11.	~	`				
a. Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-pert (CIP) Prior application No. Divisional Divisional Continuation-in-pert (CIP) Prior application No RD INVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Inself Customer No. or Attach bar code label here) The Trane Company 3600 Pammel Creek Road City La Crosse State WI Zip Code 54 601 Country United States Telephone 608–787–2538 Fax 787–3755 Name (Print/Type) William O'Driscoll Registration No. (Attorney/Agent) 33, 294	5. Oath or Declaration	[Total Pages 19] 12.						
b.	a. Newly execu	uted (original or copy)	13.						
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: / Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. 19. CORRESPONDENCE ADDRESS Or X Correspondence address below	b. (Should be specifically itemized)				503)				
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1.63(d)(2) and 1.33(b). Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group An Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Ber Code Lebel (Insert Customer No. or Attach ber code label here) or X Correspondence address below Name William O'Driscoll - 12-1 The Trane Company Address State WI Zip Code 54601 Country United States Telephone 608-787-2538 Fax 787-3755 Name (Print/Type) William O'Driscoll Registration No. (Attorney/Agent) 33,294	named in t	he prior application, see 37 CFR	16.						
Application Data Sheet. See 37 CFR 1.76 17.	1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35								
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Ber Code Label (Insert Customer No. or Attach ber code label here) or X Correspondence address below Name William O'Driscoll - 12-1 The Trane Company Address 3600 Pammel Creek Road City La Crosse State WI Zip Code 54601 Country United States Telephone 608-787-2538 Fax 787-3755 Name (PrintlType) William O'Driscoll Registration No. (Attorney/Agent) 33,294	C 1 A T T D A C								
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realite (Time type)	Country	United States	Telephone	608-787-253	8 Fax	787 – 37 <u>5</u> 5			
Signature William O'Auriol Date 9/17/2001	Name (Print/Type)	William O'Driscoll	Reg	istration No. (Attor	ney/Agent) 3:	3,294			
	Signature	William O'Aw	reall		Date 9	117/2001)			

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

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Complete if Known				
Application Number				
Filing Date				
First Named Inventor	R. Moffitt			
Examiner Name				
Group Art Unit				
Attorney Docket No.	D-2695/WOD			

METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES .				
indicated fees and credit any overpayments to: Deposit	Large Small				
Account 20-1434	Entity Entity Fee Fee Fee Fee Fee Paid				
Number 201434 Deposit	Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)				
Account Name The Trane Company	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet .				
Applicant claims small entity status.	139 130 139 130 Non-English specification				
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed:	112 920° 112 920° Requesting publication of SIR prior to				
Check Credit card Money Other	Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 390 216 195 Extension for reply within second month				
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month				
404 740 204 255 Hillion foo	118 1,390 218 695 Extension for reply within fourth month				
106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month				
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal				
108 710 208 355 Reissue filing fee	. 120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
710	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 710	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional				
Fee from Extra Claims <u>below</u> Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)				
Total Claims 37 -20** = 17 x 18 = 306	143 440 243 220 Design issue fee				
Independent 6 - 3** = 3 x 80 = 240	144 600 244 300 Plant issue fee				
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner				
	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))				
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
	179 710 279 355 Request for Continued Examination (RCE)				
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 546	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				

SUBMITTED BY				Complete (if	applicable)
Name (Print/Type)	William O'Driscoll	Registration No. (Attorney/Agent)	33,294	Telephone	608-787-2538
Signature	William Diduses			Date	9/17/2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE PATENT APPLICATION OF:

RONNIE R. MOFFITT

U.S. SERIAL NO: UNKNOWN

GROUP: UNKNOWN

FILED: CONCURRENTLY

EXAMINER: UNKNOWN

FOR:

DUAL EXHAUST ENERGY RECOVER

SYSTEM

La Crosse, Wisconsin September 17, 2001

CERTIFICATE OF MAILING BY EXPRESS MAIL

UNDER 37 C.F.R. 1.10

Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231

Dear Sir:

I hereby certify that the attached "Patent Application" is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on September 17, 2001, and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. The number of the Express Mailing label is EF109330761US.

Respectfully Submitted,

William O'Driscoll

Registration No. 33,294

Telephone Number: (608)787-2538